

ECHO Technical Committee Meeting 11.26.2013

ECHO has been replaced by the [Common Metadata Repository \(CMR\)](#), a high-performance, high-quality, continuously evolving metadata system that catalogs all data and service metadata records for the EOSDIS system and will be the authoritative management system for all EOSDIS metadata.

The information contained within this ECHO wiki is now archived for historical reference. Please navigate to the [CMR wiki pages](#), or to the [CMR Overview page](#) on [Earthdata](#).

Attendance

Name	Organization
Kathleen Baynes	ECHO
Doug Newman	ECHO
Jon Velapoldi	ECHO
Luther Lighty	ESDIS
Lisa Booker	NSIDC
Cathy Fowler	NSIDC
Renea Ericson	NSIDC
Unknown User (seiler_ops)	GES DISC
Matt Martens	LPDAAC
Heath Dreesman	LPDAAC
Kelly Lemig	LPDAAC
Chris Finch	JPL/PODAAC
Merlie Hansen	SEDAC
Jessica Garron	ASF

Dial-In

Information

Telecon
Number
877.973.2179

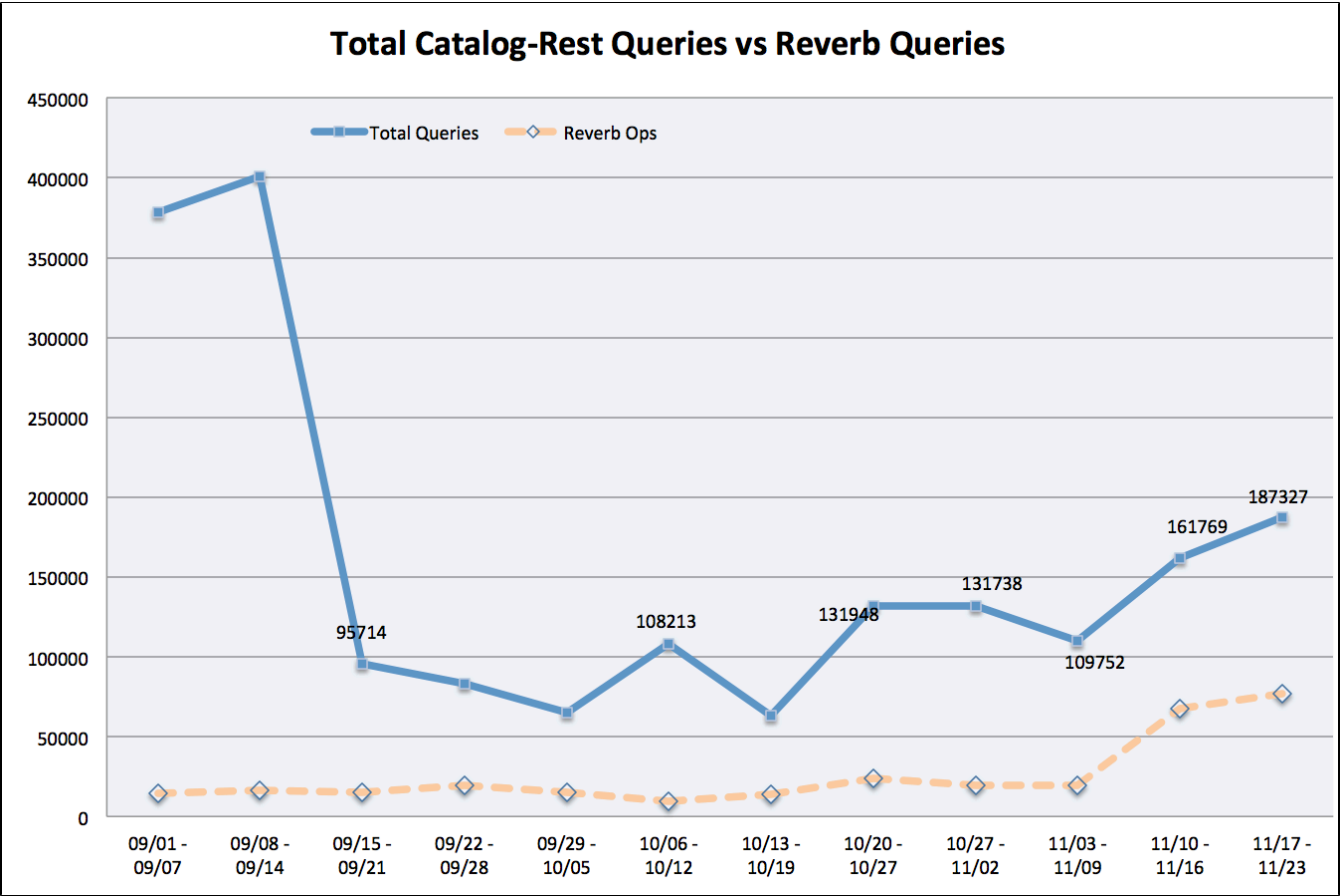
Passcode
770291

ECHO System Status

System Issues

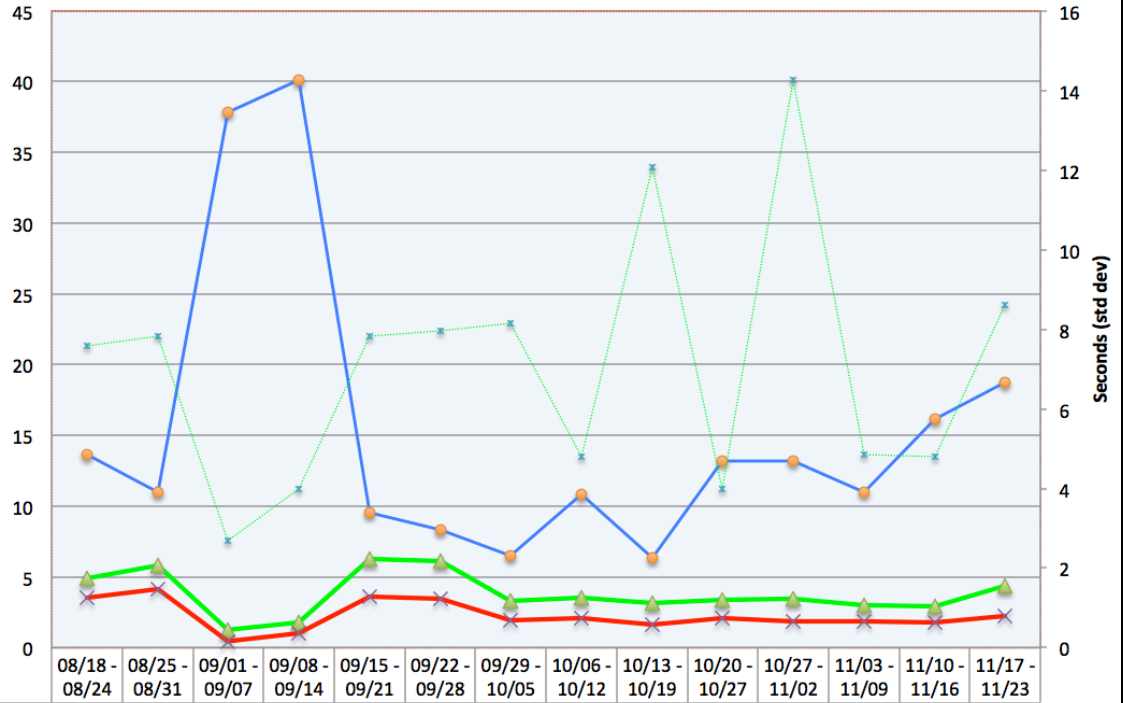
- [11/21/13 ECHO/URS development outage](#)

Recent Metrics



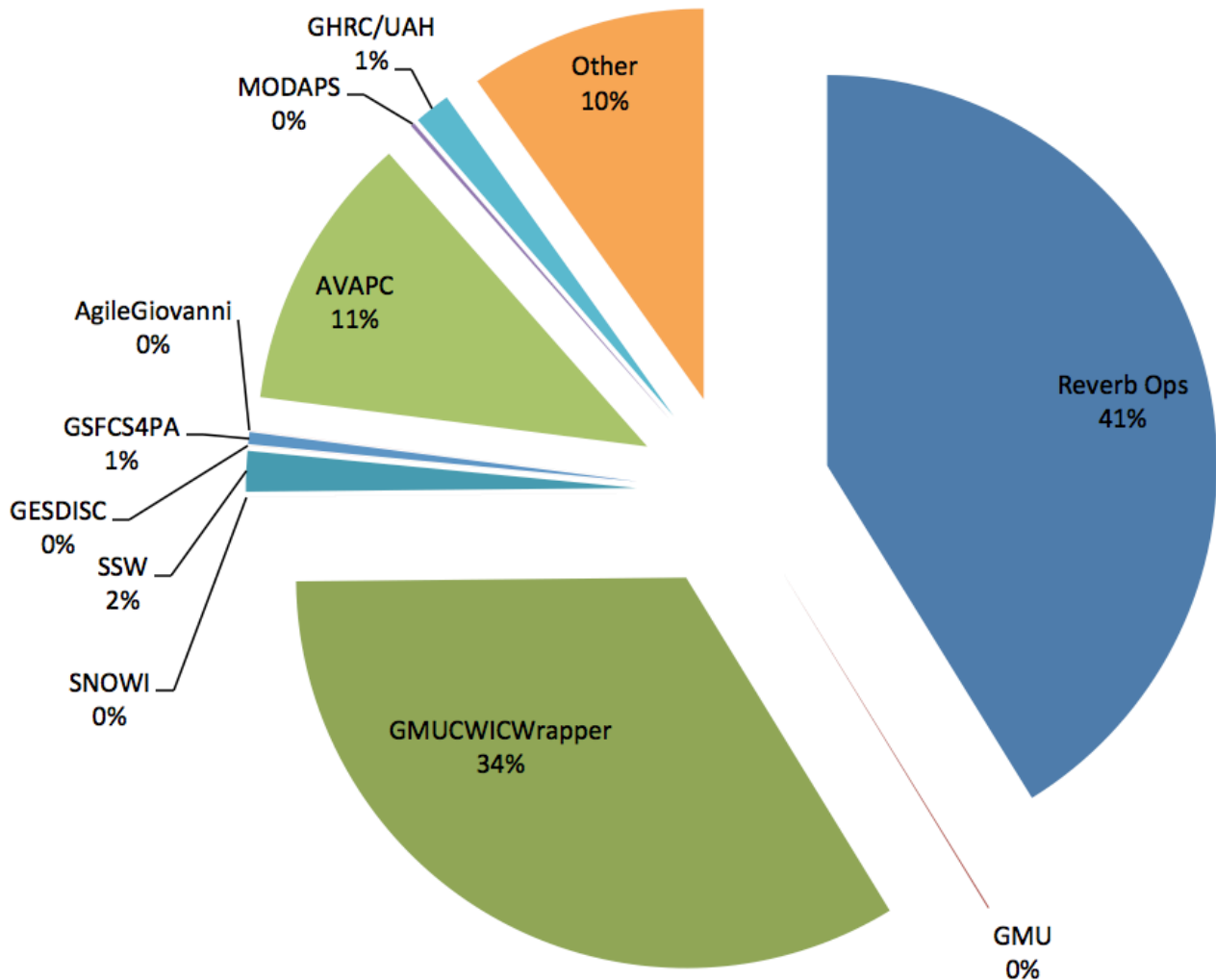
Average Query Performance

Seconds (mean/medal) & No. of searches (10k)



▲ Avg Exec Time	4.9315	5.8443	1.2613	1.7592	6.2544	6.1221	3.3343	3.5624	3.1241	3.3543	3.4403	2.9655	2.93	4.33
✕ Median Exec. Time	3.543	4.17	0.451	1.004	3.625	3.472	1.939	2.105	1.624	2.115	1.855	1.859	1.76	2.22
● Totals (*10k)	13.6704	10.9552	37.8535	40.0983	9.5714	8.3091	6.4788	10.8213	6.3087	13.1948	13.1738	10.9752	16.1769	18.7327
✕ Exec Time Std. Dev.	7.5719	7.8298	2.6865	3.9887	7.8326	7.9674	8.1477	4.7989	12.0651	3.9881	14.2568	4.842	4.8	8.61

Client Query Breakdown



Release Status

In Operations: 10.69.9 (vs 10.69.6 @ last meeting)

(10.69.9 includes an internal query metrics fix)

NCR	Summary
11011920	ECHO Reverb (10.41.1): Change map menu button for visibility
11012137	ECHO Reverb (10.42.1): Consider other options for list view data set expansion icon
11014014	Internal server error when sorting by campaign
11014015	Remove the option to sort search results by campaign
11014016	Attempting to sort query results by an invalid field results in an internal server error
11014101	Create REST service interface to accommodate ECHO ordering (still in work)

11014142	Timeline View: Add contextual help
11014168	Add the ability to remove items from your order in the new order workflow
11014171	8.2 TS1/OPS 8.1 Reverb not displaying map in Media Options for HEW spatial subsetting
11014181	Verify correct functionality of ACL safeguards on inventory
11014193	DataAccess: CLIENT_STRING query parameter should be used to include ECHO status URL in ESI email
11014201	10.68.1 - Dataset table loading times in Testbed longer than expected (unplanned)
11014204	The documentation on sort_key in catalog-rest needs to be updated. (unplanned)
11014207	Editing of Contact info in New Order Workflow shows "ugly" 404 page in header. (unplanned)
11014220	Multiple dataset updates over a small period of time cause elastic to throw heap space errors and eventually fail (unplanned)

In Test: 10.70 (to Test Bed and Partner Test both 11/13)

(Tentative deployment to Operations 12/4)

NCR	Summary
11014037	Investigate use of OpenLayers from GIBS to replace Granule Results/Collection Information Maps
11014184	Reverb Map View: Move legend off the map
11014198	Reverb: Handling of browse image error messages should be changed (NSIDC should review comment from Development)
11014206	Add DIF support for collections
11014210	Transition issue for new order workflow (Order Workflow)
11014213	Unable to submit orders on Reverb in TS1 (Order Workflow) (NSIDC)
11014215	New order page needs Javascript validation that the option selection forms are valid prior to submission (Order Workflow)
11014216	Growl message displaying Reverb page instead of error message on failed order submission (Order Workflow)
11014217	Attempting to submit order after it failed previously is causing duplicate items to be added to the order (Order Workflow)
11014219	Checking for whether all granules are indexed for a dataset should use the correct indexed_at column based on elastic index configuration
11014221	Editing contact information should be 'cancelable' (Order Workflow) (NSIDC)
11014222	ECHO form visualization formatting may confuse the user (unplanned)
11014223	NRT button should open page in new window/tab (unplanned)
11014225	Unable to add collections to an ACL after REST only transition (unplanned)
11014229	New ordering page: When using the delete selected items, counts are not updated (unplanned)
11014230	Paging through expanded items in new order workflow lacks spinner. (unplanned)
11014238	Reverb Partner Test: Add Selected to Cart Not Working (Order Workflow) (NSIDC) (unplanned)
11014239	TS2:Release 8.2: BMGT: "Additional attributes Values - is not a valid float" errors (LPDAAC) (unplanned)
11014240	Unable to submit orders for NSIDC products using the new work flow (Order Workflow) (NSIDC) (unplanned)
11014245	Partner Test Reverb: Remove All Items not working as expected in the new order workflow (Order Workflow) (NSIDC) (unplanned)

In Development: 10.71

(4 week sprint, ending 12/2)

Number	Summary
11010275	ECHO Reverb (alpha): Datasets results should be sorted by relevance (NSIDC)
11010695	ECHO:REVERB:ability to search multiple time periods (LPDAAC Review Requested)
11011377	"Refresh" period between the time something is changed in PUMP and shows up in WIST/REVERB is troublesome (LPDAAC)
11013378	ECHO:Reverb: New AST_L1A order options line should be added as last option (Order Workflow) (LPDAAC)
11013400	Reverb: Order Options change request for AST_L1A collection (Order Workflow) (LPDAAC)
11013402	ECHO: The add button should only apply to AST_L1A data for LP DAAC (Order Workflow) (LPDAAC)
11013567	Reverb 10.56.8. URLs are being randomly "split" in granule details (NSIDC)
11013671	Improve error handling in Reverb when Elastic incorrectly contains a Granule/Dataset
11013971	Update Reverb to handle provider policies that specify duplicate items in order per dataset (Order Workflow) (LPDAAC) (internal)**
11014211	Change catalog-rest searches to be case insensitive by default
11014241	Inherited links in atom results are not valid URIs
11014242	Improve DIF support in ECHO: Add ability to convert DIF to ISO and improve test coverage
11014243	Atom inherited links are not atom compliant

**We are waiting on NCR 11013971 before pushing Order Workflow to Operations

Discussion Topics

- ConOps for NRT collection changes (Matt Cechini). Still needs discussion.
- **Update:** New Order Workflow is scheduled to be released to the Operations environment on **10.71**. Mostly working version in Partner Test right now for testing and evaluation.
 - **While reviewing the Order Workflow and need to file and issue, if you are not familiar with TTPro, please use [Kayak](#) to submit.**
 - Gates required for deployment to Operations (**tentatively 10.71**)
 1. Acceptance testing by user services groups in Partner Test (hopefully underway)
 2. NCRs in 10.70 and 10.71
 3. 10.71 has multiple order options per granule available, satisfying an LPDAAC requirement

Also, emailing support@echo.nasa.gov will create a Kayako ticket.

Upcoming Events

Planned Maintenance 11/27

- Install RHEL and MacOS X updates and security patches to Operations Servers
- Reconfigure redundancy for Dev Network Switch
- Relocation of some Development SAN Units
- **Testbed and Partner Test Outage**

Open Floor

